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U. S. Department of Agriculture

# FOUNTAIN VALLEY NURSERY

*HOWARD SMITH, Proprietor*

POY SIPPI, WISCONSIN



An orchard like this on your farm will help keep the  
boys and girls at home.

## SPECIALTIES

Apple Trees, Shade Trees, Small Fruit  
Plants, Ornamental Shrubs  
and Vines.

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# INFORMATION

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**TERMS.** Cash before shipment, unless special agreement has been made for other terms of payment or previous credit has been established with us. No deviations from this rule. Digging, packing and boxing free on all orders accompanied with remittance in full.

Half cash may be sent with the order and the balance before shipment.

**SHIPPING DIRECTIONS.** State distinctly whether you want the goods sent by freight or express, and tell us what railroad to ship by if you have a preference. Write your name plainly, and give name of freight or express office if different from postoffice.

**INSPECTION.** Our Nursery is inspected each year by the state inspector and a certificate to that effect accompanies every shipment of plants,

**REMITTANCE MAY BE MADE** by bank draft, express or postoffice money order, cash by registered letter or stamps for fractional parts of a dollar.

**OUR RESPONSIBILITY** for delivery ceases when delivery is made by us to transportation company. We guarantee stock to be full count and true to name and in healthy, growing condition when delivered to transporting company. This guarantee, however, shall in no case make us liable for more than the original invoice value of the stock. Under no circumstances will goods be shipped subject to approval or rejection on arrival.

**ORDER EARLY BY ALL MEANS.** The earlier the better. If anything more is needed it can be added later. If not prepared to send all the money send a part when the order will be booked; the balance before shipment. Orders are filled in rotation as received, so it will be to your advantage to order early.

**METHODS OF SHIPMENT.** Express is the safest and nearly always the cheapest way of shipping plants. Plants go for 20 per cent less than merchandise by express. We can send stock by freight if the distance is not too far, early in the season, but express is always the safer way. We can now ship plants by parcel post and we give below the approximate weight of small fruit plants. Plants vary so much in size with the variety that it is hard to give the exact weight until they are packed. After making up your order you can make an estimate of the weight of the package, and ask your Postmaster what zone Poy Sippi is from your postoffice, you can then calculate the amount of postage to send.

Be sure and send postage enough, if more than enough is sent than is required to stamp your package the balance will be returned to you in stamps. The parcel post charges must be paid in advance. otherwise the package will be sent by express charges collect.

Strawberry plants—25, 2 pounds; 50, 3 pounds; 100, 5 pounds; 200, 7 pounds; 500, 18 pounds; 1,000, 30 pounds.

Currants, Gooseberries and Grapes—10, 8 pounds; 25, 17 pounds.

Raspberries, red and black—10, 1 pound; 50, 4 pounds; 100, 8 pounds.

**SELECTION.** Many people ask us what varieties are best for their locations. We are always glad to advise our customers and help them in any way possible, or we will select the varieties for you, always giving you the benefit of our experience.

**Transplanting Directions.** Ask for them. We have had printed complete directions for planting and caring for the trees and plants that you buy of our nursery. They are free. Always striving to give the best service possible to our friends we give you the benefit of our years of growing and handling thousands and millions of plants. Tell us your problems; question us freely; you cannot tire us. We are in the business for the love of the work, and because we enjoy seeing a good tree or plant grow and develop and then pass it on to you to plant around your grounds or in your garden.

**Quality and Service** is our watch word, and in growing the trees, from the ground up you may say, as we do, we put quality into them from the very start, as we grow them from three to five years before they are delivered to your home. We use these years to build quality into every one that leaves our grounds.

**Service.** You get it in the way we dig our trees with perfect roots and good grading and in the way we pack them to send to every part of the UNITED STATES. It will be **QUALITY AND SERVICE** that we put into every order that you send us.





## : STRAWBERRIES :



### EARLY AND EXTRA EARLY

✓ **EARLY OZARK.** (S.) Extra Early. This berry has made a great record since it was first put on the market. It is said to be a cross seedling of Excelsior and Aroma, and was originated in Missouri. It has proven especially valuable in the northern and southern states. Roundish, oval shaped, large average size. Colors evenly, taking on an unusually dark rich red. The flesh is a deep crimson throughout and has a firm, meaty texture, with a rich subacid quality, almost sweet, very good. It is one of the firmest fleshed berries grown, is one of the very best shippers among the early varieties. The plant makes just enough runners to insure the best results in fruiting. The leaves are a dark green color, luxuriant, thick and leathery, very healthy and vigorous in appearance. It produces an abundance of pollen and is very productive; not easily killed by late frosts, thrives best on fertile soil.

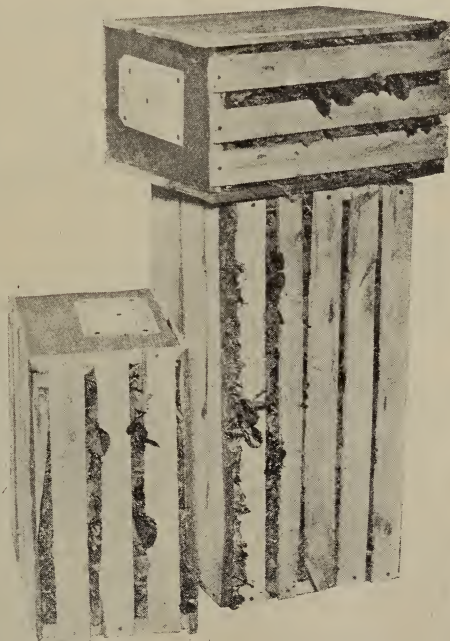
✓ **LOVETT.** (S.) Succeeds generally in any soil or locality. It is one of the tough, hardy varieties. The fruit is firm, medium to large size, conical, and of good color and quality. Season medium. Good fertilizer for Warfield and others.

✓ **EXCELSIOR.** (S.) The standard for earliness by which all others are compared. Of medium size, very productive and firm, ships well. If given a good chance it will take care of itself and bring splendid returns. It has never been popular for the home garden owing to its being extremely tart, but the berries are highly colored and highly flavored and, when fully ripe, are of very good quality. As a first-early shipping berry it has for a long time had the field to itself, and is still popular with many growers.

✓ **AUGUST LUTHER.** (S.) Fruit is very uniform in size and shape. Plants are healthy and make good row. The fruit is of good size, roundish, bright red, firm and very easily picked. It succeeds best on rather light soil. The fact is we have found by experience that the early varieties do best on light soil. We would advise all our customers and friends to set August Luther for early berries. The demand for this extra profitable early variety has always exceeded the supply with us.

✓ **BEDERWOOD.** (S.) Medium size, roundish regular form, moderately firm, very productive and of good quality. An early variety of strong vitality and profitable for near market.

**POKOMOKE.** (S.) The Originator says: Originated near the Pokomoke River and is supposed to be a seedling of the old Wilson crossed by the Sharpless. The berry is round, conical and resembles the old Wilson, but is much larger. One of the best varieties in existence, not only for its enormous productiveness, but on account of its beauty, adaptability to all soils, its foliage enduring the



Our manner of packing strawberry plants to reach all parts of the United States.

dry hot weather, its large size, its deep red color, its firmness, its high flavor. The plant is a strong robust grower with deep roots, and lots of them, perfect blossoms and is an enormous yielder of large red berries. It ripens evenly and is one of the best shippers yet produced.

This description fits the Pokomoke perfectly and I can recommend them to all who have a distant market as their carrying qualities are perfect.

**KLONDIKE.** (S.) This plant and berry has been a great success in all parts of the country. It is one of the best shippers and demands the top price in the market, frequently bringing a premium over other varieties, owing in a great measure to its large size and unusual firmness. Blossoms are large and perfect, plants making a vigorous growth and producing a good crop. If you want a good berry that will bring the top price in the market, and firm enough to ship anywhere, don't hesitate to plant Klondike. It will please your customers, bring trade and increase profits.

**WARFIELD.** (P.) This is the grand berry for main crop, both for home use and market. We recommend Warfield fertilized with Senator Dunlap for most profitable strawberry crop you can grow if you have a good market for medium early berries. Warfield is and has been the leader for years. Fruit is regular shape, dark red and a splendid shipper. We sell more plants of this than of any other variety excepting Senator Dunlap. Resembles Wilson, but is a heavier bearer and better plant maker, and better shipper. Plants are small, more like Crescent; requires a strong staminate about every other row for best results. We recommend to all for profit. It is, and has been for years one of the standard varieties.

Warfield is extra fine for table and canning. The dark red color clear through makes it a very desirable home use berry. Warfield will please you in every way.

### Medium to Late Varieties

**GIBSON.** (S.) Gibson commences to bear with the Senator Dunlap and Warfield, etc. But owing to its wonderful productiveness it continues till quite late. It is a very strong grower with long roots that withstand dry weather. It has large dark green foliage and lots of it that protects its extra large berries.

The fruit is a beautiful dark glossy red; the flesh of the berry is red clear through, calyx is dark green, adding greatly to its beauty and market value. A perfect table and canning berry and owing to its tough skin is a very fine shipper. The shape is nearly round and regular.

**UNCLE JIM.** (S.) Plants are large and free from rust. Berry is large regular form, and season is medium to late. Uncle Jim is a comparatively new introduction but is one of our most profitable berries, goes nicely with Bubach.

**SPLENDID.** (S.) The plant is a healthy luxuriant grower; sends out many runners and bears abundantly. The fruit is above the average in quality, desirable for either market or home use.

**SENATOR DUNLAP.** (S.) This is the leading strawberry throughout the United States. We sell more Senator Dunlap plants than any other va-



Strawberry plants are tied 26 selected plants in a bundle.



riety, and the demand for this variety has steadily increased every year since its introduction. It does well everywhere and produces enormous crops of fine fruit regularly.

Senator Dunlap is of the Warfield type, has a perfect blossom, is hardy, productive, a splendid keeper and able to hold its own under any "rough and tumble" methods of culture to which it is likely to be subjected. Senator Dunlap is a very heavy bearer of good size, evenly shaped fruit of a very beautiful dark red color and its flavor is delicious. For canning it is fine, making a rich, red syrup. It is a first-class shipper, and retains its brightness long after being picked. It always looks well on the market and sells quickly at top prices. The best proof we have that this berry is a big money maker everywhere, is the fact that our customers in nearly every state in the Union are ordering Senator Dunlap in large quantities every year, often planting several acres solid to this variety. We cannot well recommend Senator Dunlap too highly as we guarantee it to please you in every way. The sale of Senator Dunlap is wonderful.

**GLEN MARY.** (S.) Late. Dark red, somewhat varied in shape, large to very large, flavor very rich, very productive, good plant maker. I recommend some other perfect flowering sort set with Glen Mary to secure best results. Parson's Beauty or Aroma are excellent to set with it.

**PARSON'S BEAUTY.** (S.) Medium. A general favorite because of its many excellencies. It makes a heavy yield of bright-red berries of mild and delicious flavor. As this fine flavor is retained after cooking, this variety is very popular as a canner. Its appearance commands immediate and favorable attention. Its seeds stand out upon the surface of the fruit more prominently than upon any other variety with which we are familiar, and the effect is very striking. The calyx is bushy and the stem is heavy. The foliage is upright in form, with a rather long, dark-green leathery leaf. The plant makes very long runners. One of its strongest points is the fact that it is extra strong as a pollinizer. Another element in its favor is the fact that it succeeds in all soils and climates.

**ENORMOUS.** (P.) A medium to late variety, with pistillate blossoms; the berries are broad and wedge-shaped, with crimson surface and dark red seed; the flavor is good and, as the name suggests, it is of large size, and firm enough to ship.

**AROMA.** (P.) This variety is in great demand among commercial growers on account of its fine appearance and excellent shipping qualities. It has a large, bright red berry, with a beautiful gloss, seeds are bright yellow. Berry is top-shaped and sometimes flattened at the end. Flavor is spicy and aromatic. Aroma is a standard shipper, and is grown extensively in commercial fields as a mate for Sample. Foliage is light green with spreading habit.

**BRANDYWINE.** (S.) Brandywine is one of our best late market varieties, and it possesses qualities which make it popular wherever grown. The berries are very large, and perfectly top-shaped. Color is deep blood red, and the bright yellow seeds are very prominent. The berry is very firm, standing up under long shipments, and it is an excellent canner. It is juicy, and has a rich flavor. This variety is one of the most productive grown, and one of the most profitable. Foliage is heavy, upright, with large, veiny leaves.

**BUBACH.** (P.) This has been a very popular berry for years. We have always considered Bubach a profitable variety. The plant is very large and fine looking, but a slow plant maker, the berry large and showy. If you have a nearby fancy market, it will pay you to get a large, fine looking berry. Bubach will please you and make you handsome profits. The demand for Bubach always exceeds the supply and we advise all to place their orders for this variety early.

**SAMPLE.** (P.) Sample has an extra large, bright red, top-shaped berry, very highly flavored. It is an excellent shipper, a good canner, and as a table berry it has few equals. Its great productiveness makes it of great value to the commercial grower, and this value is enhanced by its perfect adaptability to varying conditions. Foliage is tall, bright green and of upright habit.

**HERITAGE.** (S.) Originated in New Jersey. Blossoms perfect, and the large, green cap which adds very much to its appearance and market value. Berries are uniformly large and uniform in shape, with splendid color and delicious flavor; firm and productive.

**Price List of Strawberry Plants.**

	25	50	250	500	1000
AROMA (P.) .....	.25	\$ .50	\$1.15	\$2.00	\$3.50
AUGUST LUTHER (S.).....	.25	.60	1.25	2.00	3.50
BEDERWOOD (S.) .....	.25	.60	1.25	2.25	4.00
BRANDYWINE (S.) .....	.20	.50	1.15	2.00	3.50
BUBACH (P.) .....	.25	.60	1.25	2.25	4.00
EXCELSIOR (S.) .....	.25	.60	1.25	2.25	4.00
EARLY OZARK (S.).....	.25	.60	1.25	2.25	4.00
ENORMOUS (P.) .....	.25	.60	1.25		
GIBSON (S.) .....	.25	.60	1.25	2.25	4.00
GLEN MARY (S.) .....	.25	.60	1.25	2.25	4.00
HERITAGE (S.) .....	.25	.60			
KLONDYKE (S.) .....	.25	.60	1.25		
LOVETT (S.) .....	.25	.60	1.25		
SENATOR DUNLAP (S.)....	.20	.50	1.00	1.75	3.00
SPLENDID (S.) .....	.25	.60	1.25	2.25	
UNCLE JIM (S.) .....	.25	.60	1.25	2.25	4.00
PARSON'S BEAUTY (S.) ..	.25	.60	1.25	2.25	4.00
POKOMOKE (S.) .....	.25	.60	1.25	2.25	4.00
WARFIELD (P.) .....	.20	.50	1.00	1.75	3.00
SAMPLE (P.) .....	.25	.60	1.25	2.25	4.00

**Raspberries.**

Prices except where noted—50c per 25; \$1.50 per 100; \$10.00 per 1,000.

**COLUMBIAN.** (Purple Cap.) This raspberry is of remarkable vigor and productiveness. It is very hardy and propagates from tips. Fruit very large, often an inch in diameter, shape somewhat conical. Color, dark red bordering on purple; adheres firmly to them stem; seeds, small and deeply imbedded in a rich, juicy pulp with a distinct flavor of its own, making it a delicious table berry.

25, 75c; 100, \$2.00.

**KING.** This early raspberry is one of the leaders with Wisconsin Fruit Growers, and some grow nothing else but Kings for a money crop. The cane is very hardy and a strong grower. The berries are very large, bright red, firm, and are easily picked. The earliness, firmness and size of King will make you money.

**ST. REGIS EVERBEARING.**

This new red raspberry was introduced five years ago as the most wonderful of all red raspberries. Fruit begins to ripen with the earliest in June and you have fresh fruit until they freeze in the fall. Berries bright crimson, large size, sugary, with full raspberry flavor. Flesh firm and meaty, a good shipper. Canes stocky, of strong growth, with abundance of dark green leather foliage. We have the genuine St. Regis plants that are so extensively advertised all over the country.

25, 75c; 100, \$2.50.

**GREGG.** (Black.) Is the favorite for general planting when a late variety is needed. It produces a heavy crop of large size berries.

This variety is perhaps more generally known and planted than any other. The fruit sells well for home canning or for drying purposes.



Gregg Black Raspberry.



**CUMBERLAND.** The largest black raspberry known. It has been well tested and is giving the best of satisfaction. The quality is of the best, and, in spite of its great size, is very firm; ripens mid-season. The canes are very large and strong and able to carry their load of fruit.

**LOUDEN.** (Red.) Fruit large, of good color and fine quality; should be left on the bushes until ripe, as it colors before fully ripe. Bush is hardy, a good grower and productive. One of the best mid-season to late sorts.

**CUTHBERT.** Leading late market variety all over the country; strong grower, very productive, fruit firm, large size and of best quality; season medium to late. If you want an all around late red raspberry, plant Cuthbert.

### Blackberries.

**ANCIENT BRITON.** A popular variety in many sections. Sells well in market and is very profitable; berries large and sweet. Requires winter protection but is well worth the little labor this costs.

25, 50c; 100, \$1.75.

**MESEREAU.** Originated in Northwestern New York. Iron clad in hardiness; has a combination of the desirable qualities of a good blackberry; exceptionally sweet, rich and melting, nearly without core. Canes very strong, upright grower, attaining a height of seven to eight feet. The yield is simply enormous, and affords heavy picking from the first until all the crop is matured. Season late.

25, 75c; 100, \$2.00.

### Grapes.

Two-year strong plants, each, 12c; per doz., \$1.00; per 100, \$8.00.

**NIAGARA.** This is the leading white grape through the country. Fruit is large and of a fine quality. If you want a white grape we know of no other that equals Niagara. Occupies the same position among the white varieties as Concord among the black; most profitable market sort. Bunch and berries large, greenish white, changing to pale yellow when fully ripe; skin thin but tough. Everyone should have a few white grapes.

**DELAWARE.** (Red.) The standard of excellence. Ripens with or before Concord. Bunch and berry medium, compact, flesh juicy, very sweet and refreshing; vine very hardy and productive; a slow grower, requires rich soil, good culture and close pruning.

**CONCORD.** This hardy black grape is decidedly the most popular grape in America, and deservedly so. Bunch large shouldered, compact.

**WORDEN.** (Black.) This excellent grape has come to the front by merit alone. It is as hardy, healthy, vigorous and productive as the Concord, of which it is a seedling, but better in quality, sweeter, larger in bunch and berry, and several days earlier. The worst that can be said of it is that it will crack under conditions that the Concord will. Very valuable for garden and vineyard.



Concord Grapes.

### Dewberry.

**LUCRETIA.** This is counted as the standard of all dewberries; earlier than blackberry and as large as the largest of them. The canes are of great hardiness and exceedingly prolific, thriving everywhere, of slender trailing habit and entirely free from disease and insect attacks. The fruit is large and handsome, jet black, rich and melting; ships well and keeps well. 25c per dozen; \$1.50 per 100.

## Gooseberries.

Each, 15c; one dozen, \$1.25.

**DOWNING.** A large, handsome fruit, green in color; immensely productive; free from mildew, bush strong grower; sells well in market; of fine flavor and valuable.



The Houghton Gooseberry.

**HOUGHTON.** Hardy, entirely free from mildew, well known sort; color pale red, sweet, tender, good, enormously productive.

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## Currants.

Strong two-year plants, 10c each; \$1.00 per dozen; \$5.00 per 100.

**LONDON MARKET.** Is the best red currant we have ever fruited. A fine, new variety, a strong grower, large fruit and very productive. Holds its foliage late and is not liable to attack of worms and borers. We advise all to buy London Market. It is the very best currant we ever saw.

**VICTORIA.** A splendid, large, bright red berry, with very large bunches; growth is rather slow but makes a fine bush.

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## Asparagus.

**COLUMBIAN MAMMOTH WHITE.** Remarkable for the color of its shoots, which are white, as well as for its vigor, large size and yield.

**CONOVER'S COLOSSAL.** Large, a strong grower, productive and fine quality.

Prices: 12, 25c; 100, 75c; 1,000, \$4.00.

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## Rhubarb.

This deserves to be ranked among the best early fruits in the garden. It affords the earliest material for pies and tarts, continues long in use, is valuable for canning.

**LINNAEUS.** Large, early tender and fine.

**VICTORIA.** Very large, long stalks; a great market sort.

10c each; 75c per dozen; \$4.00 per 100.

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## Horse Radish.

**COMMON OR ENGLISH.** The well known sort; the one in general use the country over. Per dozen, 25c; per 100, 75c.

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## Sage.

**HOLT'S MAMMOTH SAGE.** Plants of strong growth of unusual substance, strong flavor and of superior quality, leaves of great size and thickness.

Price of strong roots 15c each; \$1.00 per dozen; \$5.00 per 100.



# : APPLES :



The apple is first in importance of all fruits. It will thrive on nearly any well drained soil. Its period of ripening, unlike other fruits, extends nearly through the whole year. By making a careful selection of varieties, a constant succession can be obtained. For family use there is no fruit that is more indispensable.

Plant them 25 to 30 feet each way, trim the branches back to about half, and cut the roots off smoothly at ends. Pack the dirt well around the roots in order to fill up all air spaces.

Five to seven feet, first class, each, 35c; per 10, \$3.00.

Four to five feet, medium, each, 30c; per 10, \$2.50.

## Summer Varieties.

**YELLOW TRANSPARENT.** Medium, yellow; good quality; productive and bears early. Middle of August.

**DUCHESS.** Large size, roundish; streaked with red and yellow; flesh whitish, juicy; subacid. Tree is vigorous grower, succeeds in the northwest, where many fail. August to October.

**ASTRACHAN RED.** Large yellow, nearly covered with crimson; juicy, crisp, acid. Tree a medium grower, bears young and profusely; the finest of all early apples. August.

**TEIOFSKY.** Medium size, yellow, striped red; juicy, sprightly and very attractive. July and August.

## Autumn and Winter Varieties.

**SNOW.** Medium; deep crimson; flesh snowy white, tender and delicious; vigorous growth and hardy. September and October.

## Winter Apples.

**WINDSOR CHIEF.** This is another Wisconsin apple of fine quality and a late keeper. Large, red, and somewhat resembles the Baldwin. The tree is a blighter in unfavorable seasons. Season December to April.

**WEALTHY.** Medium; roundish, smooth, nearly covered with dark red; flesh white, fine and juicy; subacid; good grower and productive. Valuable on account of extreme hardness. October.

**N. W. GREENING.** Large; smooth, greenish yellow; flesh fine grained, firm and juicy. Extremely hardy, and a strong, handsome grower. Is being largely planted. December to April.

**McINTOSH RED.** A tender, juicy apple, with a peculiar fragrance that makes it popular on the fancy fruit stand and well liked for home and kitchen use. It is uniform in size, a beautiful crimson, and the flesh is crisp, delicate—almost snow white. The tree is long lived, extremely hardy, a strong spreading grower and comes into bearing young. It is not a late keeper, but the demand is so much greater than the supply, it finds a steady sale on all markets and the price is always good.

**McMAHON.** Origin, Wisconsin. Season, October to December. Fruit large to very large; color, greenish pale yellow to nearly white. Often with suffused pale bluish on side; flesh pale yellow with good acid flavor; skin very tender and does not stand tight packing; crisp and a good table apple in season; splendid cooker as it has the proper firmness. Tree a strong grower and moderately productive.

**HASS.** Origin, Missouri. The season, November to December. Tree an exceptionally strong and upright grower in nursery and orchard. Fruit medium, roundish; skin, thick, tough; surface, yellow, nearly covered with crimson stripes and splashes; a handsome fruit when well colored; flesh, snow white, juicy, with a peculiar quince like texture; quality, fair, useful for culinary purposes.

**WOLF RIVER.** Large; course, subacid; rich crimson color. Tree a vigorous grower; spreading.



**LONGFIELD.** Medium; striped with red on yellow; fine flavor. Tree a strong grower, bearing very young.

**PEWAUKEE.** Large; reddish, mottled. Very hardy, vigorous, upright grower and productive. Flavor moderate. December to March.

**TALMAN SWEET.** Medium; pale yellow, good. Very hardy, vigorous and productive. Most popular winter sweet. December to April.

### Crabs.

**WHITNEY No. 20.** (Hybrid, origin Illinois.) Large, roundish, oblong, waxen yellow, covered with dark red; juicy mild subacid. August-September.

**TRANSCENDENT.** (America.) A standard variety, large, roundish, oblate, yellow with red blush; firm, subacid. September-October.



## Hardy Shade and Ornamental Trees



Trees recommended for various purposes.

Large trees for streets, roads and avenues: American Elm, Sugar and Silver Maple, Carolina Poplar, Box Elder.

For driveways through lawns and parks: Norway Maple, Catalpa Speciosa, American Linden, Mountain Ash.

Specimen of large growth: American Linden, Norway, sugar, and Cut-Leaf Maples, White and Scotch Pines, Norway and Colorado Spruces, Pyramidal Arborvita.

**ASH, American White:** Rapid growing tree, of fine, symmetrical outline. A valuable street or park tree and should be extensively planted.

Each, 6 to 8 feet, 30 cents; 10 for \$2.50.

**BOX ELDER.** An esteemed native variety of fine form and peculiar foliage. It grows 30 to 40 feet in a great variety of soils and locations; is hardy, a rapid grower and therefore especially valuable where quick shade is desired.

	Each	10
4 to 6 feet.....	\$.15	\$1.25
6 to 8 feet.....	.30	2.50
8 to 10 feet.....	.40	3.50

**BUTTERNUT.** The nuts are large, long, oily and nutritious. The lofty, spreading tree is one of our finest natives, valued for its tropical appearance, beautiful wood and its nuts.

6 to 8 feet, each 50 cents; 10 for \$4.00.

**CATALPA SPECIOSA** (Hardy Catalpa). A fine, hardy sort, well adapted for forest and ornamental planting. The coarse grained, soft wood is very durable and useful for railroad ties, fence posts, etc.

Blooms earlier than others and grows to be a large tree, 30 to 40 feet.

In late summer, its great crop of long, narrow beans is very effective.

6 to 8 feet, each, 30c; 10, \$2.00.

8 to 10 feet, each, 50c; 10, 4.00.

**CATALPA BUNGEI, Dwarf.** The trees grow 10 to 12 feet high and the heads when grown are about 12 feet across. They grow in this shape without any trimming. The foliage is deep green, forming a beautiful roof of leaves.

5 to 6 feet, each, 75 cents.

**CRAB, Bechtels Flowering.** Destined to become one of the most popular of all the flowering crabs. Rarely grows over 20 feet high, and is covered in late spring with myriads of delicate pink flowers resembling the daintiest double rose. Begins blooming when quite young.

Price, each, 3 to 4 feet, 50 cents.

Price, each, 4 to 5 feet, 75 cents.

**ELM, American.** The noblest and most dignified tree in the world for the street. Broad arching branches with splendid dark green foliage, affording abundant shade, with a freedom of growth and natural grace commending it to all. Easily grown, and with wide diversity of form, from the upright, broad round head to the wide-spreading and gracefully arched shape.

4 to 6 feet, each, 25c; 10, \$2.00.

6 to 8 feet, each, 30c; 10, 2.50.

8 to 10 feet, each, 50c; 10, 3.00.

**LINDEN, American.** The Basswood is a native forest tree of unusual stately beauty. Growth rapid and upright, with smooth branches and broad heart-shaped leaves; has curiously pendant and creamy colored flowers on long, winged peduncles in July, of delightful fragrance. Few trees equal this, with its rich green foliage and splendid habits of growth, adapting itself readily to various soils and conditions, making it useful for the lawn or street.

6 to 8 feet, Transplanted, each, 50c; 10 for \$4.00.

**MAPLE, Silver.** One of the most popular of American Maples, because of its rapid growth, large size and attractively rounded head, with a tendency to graceful arching when carefully pruned. For immediate effects, indispensable. Foliage is luxuriant, bright green and silvery white beneath. Easily transplanted and very hardy. A favorite for the street, park or home.

4 to 6 feet, Transplanted, each, 25c; 10 for \$2.00.

6 to 8 feet, Transplanted, each, 30c; 10 for 2.50.

8 to 10 feet, Transplanted, each, 50c; 10 for 4.00.

**MAPLE, Sugar.** The Rock or Sugar Maple, is one of the most symmetrical and well rounded trees native to America. Long valuable for production of maple sugar and wood. A straight grower, vigorous, stately, inclined to spreading when given plenty of room. A regal tree for the avenue, a life-long friend on the home-grounds, and a specimen for the parks. Deeply lobed red and green foliage, changing to orange and red tints in autumn.

6 to 8 feet, Transplanted, each 50 cents.

8 to 10 feet, Transplanted, each, 75 cents.

**MOUNTAIN ASH, American.** One of our most attractive native trees. It produces its berries when quite young, which are in large clusters and of orange color. One of the most desirable lawn trees, and especially fine for planting among tall shrubbery, with its brilliant berries.

5 to 6 feet, Transplanted, each, 30 cents; 10 for \$2.50.

**MULBERRY, Russian.** A very rapid-growing tree; bears well; fruit sweet, variable in size and color; leaves dark green and of very different shapes; some are birch-shaped, others cut and notched as much as any of our oaks, and in as many different shapes as all the varieties put together. Will stand almost any amount of drouth.

4 to 6 feet, Transplanted, each, 30c; 10 for \$2.50.

**CAROLINA POPLAR.** The largest, most symmetrical, finest and best Poplar for general planting. A rapid, most vigorous grower, pyramidal in form, with large, glossy leaves. It grows very rapidly, soon forming large trees. If properly cut back and trimmed, it forms a fine spreading head. It thrives everywhere, is not affected by sewer gas, smoke, ashes or salt water. We recommend it very strongly for park and street planting. Planted alternately with Elms, Maples or other hard-wooded trees they soon grow into large trees, supplying an abundance of shade.

**LOMBARDY, NORWAY AND SILVER POPLARS.** All very rapid growing trees and each one has something in form or color of leaves to recommend it for certain places on your grounds.

Prices of all poplars:

4 to 6 feet, each, 25c; 10 for \$2.00.

6 to 8 feet, each, 30c; 10 for 2.50.

8 to 10 feet, each, 50c; 10 for 3.00.

**WALNUT, Black.** No grander tree in America. Lofty height and shapely crown, with beautiful compound foliage consisting of thirteen to seventeen leaflets. Trunk well rounded. Bark dark and deeply ridged. Becoming rare, because of value of its wood. Bears large, edible nuts. Conspicuously ornate and useful for lawn or park planting.

5 to 6 feet, Transplanted, each, 35c; 10 for \$3.00.

**ELM, Camperdown.** A remarkable picturesque sweeping tree, that extends its branches horizontally until it forms a complete arbor. It does not grow over 15 feet high, while its branching head often covers 40 feet or more.

Two year heads, each, \$1.00.

**THE CUT-LEAVED WEEPING BIRCH.** This noble tree is not only the most popular of the weeping trees, but it is decidedly the best. Its tall, slender,

yet vigorous growth, graceful, drooping branches, silvery white bark and delicate cut foliage, present a combination of attractive characteristics, rarely met with in a single tree.

5 to 6 feet, Transplanted, each, \$ .75.

6 to 8 feet, Transplanted, each, 1.00.

**WISCONSIN WEEPING WILLOW.** A large tree with long, drooping branches, similar to the Common Weeping, but much hardier.

4 to 6 feet, each, 25c; 10 for \$2.00.

6 to 8 feet, each, 30c; 10 for 2.50.

8 to 10 feet, each, 40c; 10 for 3.00.

**MAPLE, WIERS CUT-LEAVED WEEPING.** One of the most rapidly and gracefully growing of weeping trees, forming beautiful specimens in a short time. Its foliage is deeply cut, and is borne upon long, recurving, pendulous branches. Can be pruned severely.

6 to 8 feet, Transplanted, each, 75c.

## Evergreens.

**AMERICAN ARBORVITAE.** This is one of the most popular evergreens for hedges and screens. It grows rapidly and soon forms a beautiful dense hedge. It can be trained in any form as no other evergreen bears the shears as well as this variety. For dividing the lawn or hiding the outbuilding, there is none better as it grows to a height of 30 to 40 feet.

**PYRAMIDAL ARBORVITAE.** This evergreen is both rare and beautiful, it grows compact and straight to a height of 15 to 20 feet making a solid column of dark green, is perfectly hardy, and is largely planted in cemeteries where a more spreading tree would be out of place, is very good for a specimen tree on the lawn.

**SPRUCE, Norway.** A lofty, elegant tree of rapid growth and pyramidal habit. It reaches a height of 40 to 50 feet and is very beautiful with its gracefully drooping branches. Probably the most extensively planted of any of the evergreens in this country; thrives in any well drained soil. Is valuable for windbreaks, screens and hedges.

**WHITE SPRUCE.** The foliage is silvery green and resembles the Colorado Blue Spruce, Pyramidal in form and reaches a height of 25 to 30 feet.

Price of Evergreens:

12 to 18 inches, each, 20c; 10 for \$1.60.

18 to 24 inches, each, 30c; 10 for 2.25.

2 to 3 feet, each, 40c; 10 for 3.00.



## Deciduous Shrubs



Along the edge of the lawn, drives or walks, plant borders of shrubs that will give flowers in succession, blooming from early spring until frost. Besides these blooming there can be intermingled those of different foliage such as purple, yellow or golden, and silvery leaves these add and give contrast as well as character to the plantings after the frosts have come and the leaves have dropped the brilliant stems and the fruits and berries that cling to the branches make them very attractive and add much to the winter's landscape charm.

The proper planting of shrubs adds both beauty and value to the grounds.

**ALMONDS.** Pink and White. Small shrubs that are covered early in the season with very double rose-like flowers that fill the branches until they bend, beneath the weight of bloom. They grow from 2 to 6 feet, in two colors, pink and white.

18 to 24 inches, each, 35c; 10 for \$3.00.

**BARBERRY, Purple.** Deep purple foliage all summer, valuable for color in planting and hedging.

18 to 24 inches, each, 25c; 10 for \$2.00.

Transplanted Specimen Shrubs, 2 to 3 feet, each 50 cents.



**BARBERRY**, Thumbergs. A species from Japan with round drooping habit, spoon shaped leaves of a brilliant green in summer, with the growing shoots always of a lighter shade and taking on from early autumn till December the most glowing colors. After the fall of the leaves the branches are seen to be loaded down with scarlet crimson berries. It is the very best of all plants to form a hedge of four feet, being impenetrable and thickly covered with spines and never growing bare, even in winter its closely interwoven branches and twigs are very interesting.

18 to 24 inches, each, 25c; 10 for \$2.00.

2 to 3 feet, each, 35c; 10 for \$3.00.

**CURRENT**, Yellow Flowering. Early yellow flowers, in showy racemes, glossy foliage which gives bright autumn tints, one of the best early flowering shrubs blooming before foliage, very fragrant.

18 to 24 inches, each, 25c; 10 for \$2.00.

**DEUTZIA**, Pride of Rochester. Large, double white flowers, slightly tinted rose. A showy, early blooming shrub in May. Very popular.

18 to 24 inches, each, 25c; 10 for \$2.00.

2 to 3 feet, Transplanted, each, 35c; 10 for \$3.00.

**FRINGE**, Purple. A familiar shrub in many old farmyards, that is most attractive in summer because of the light, airy or mist-like covering of the panacles of bloom. This is one of the most interesting shrubs to group with others on account of its peculiar flowers.

18 to 24 inches, each, 25c; 10 for \$2.00.

2 to 3 feet, Transplanted, each, 35c; 10 for \$3.00.

**SNOWBALL** (Common). The well known Snowball. Produces large clusters of snow-white flowers in May.

2 to 3 feet, each, 35c; 10 for \$3.00.

The Shrubs in our nursery are set far enough apart in the rows to insure each growing into a shapely specimen plant, with full development in every way. This is an important point to consider in buying shrubs for planting in your home grounds.

**SNOWBALL**, Japan. Handsome foliage. Globe shaped heads of pure white flowers, early in June. It surpasses the common variety in many respects. Very desirable.

2 to 3 feet, Transplanted; each, 35c; 10 for \$3.00.

**SPIREAS**, Anthony Waterer. Flowers from June until frost; a splendid bright crimson. Good foliage; most desirable for shrubbery borders, as it does not grow over 2½ feet in height.

Strong plants, each, 25c; 10 for \$2.00.

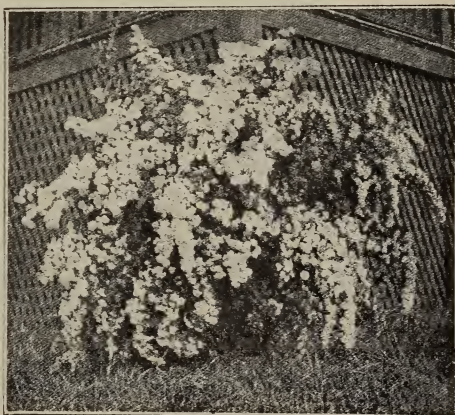
**SPIREA**, Van Houttei. A vigorous bush that curves gracefully toward the ground and the last of May or June are covered with a mass of pure white bloom. It makes very beautiful hedges.

18 to 24 inches, each, 35c; 10 for \$3.00.

**HYDRANGEA** (Paniculata Grandiflora). This is the most hardy of all the Hydrangeas known; it produces immense heads of sterile flowers, 10 to 15 inches long. These come out in July and continue until frost, being creamy white at the opening and changing to pink later on. The shrub is much branched and every stem carries one of these immense cones, so that the bush appears as a huge bouquet; it should be heavily pruned in early spring.

18 to 24 inches, each, 25c; 10 for \$2.00.

2 to 3 feet, each, 35c; 10 for \$3.00.



Spiraea Van Houttei.

**SUMAC.** Smooth. Excellent foliage. The flowers are borne in panicles at the ends of the branches and are followed in autumn with prominent crimson heads of seeds which remain nearly all winter. This Sumac is desirable for massing; the brilliant coloring of foliage in autumn is especially attractive.

2 to 3 feet, each, 25c; 10 for \$2.00.

3 to 5 feet, each, 30c; 10 for 2.50.

**SUMAC, Cut-leaved.** Fern like leaves, dark green above, glaucous beneath. Rich red in autumn, a splendid shrub for specimen planting or massing.

18 to 24 inches, 25c; 10 for \$2.00.

**PRIVET, Polish.** Tall, very upright growing shrub, foliage and bloom similar in many respects to the old English Privet of which it is no doubt a hardy variety. Leaves bluish green and lustrous when fully matured, bloom 3 to 4 inches long in dense panicles. Claimed to be very hardy even in Canada.

18 to 24 inches, each, 25c; 10 for \$2.00.

**SYRINGA OR MOCK ORANGE.** Grandiflora. This shrub grows 8 to 10 feet high, and in June is a mass of pure white, the flowers are larger than the others of the same group, and slightly fragrant.

2 to 3 feet, Transplanted, each, 35c; 10 for \$3.00.

**SYRINGA, Coronarius.** The first to bloom. Produces white, very sweet-scented flowers in profusion, very pretty.

2 to 3 feet, Transplanted, each, 35c; 10 for \$3.00.

**LILAC (Common Purple).** The familiar species of all fine old gardens with dense panicles of Lilac flowers in May.

18 to 24 inches, each, 25c; 10 for \$2.00.

2 to 3 feet, each, 35c; 10 for \$3.00.

**LILAC (White Persian).** Its pale Lilac flowers are very fragrant and borne in large loose panicles in late spring.

2 to 3 feet, each, 35c; 10 for \$3.00.

## Roses.

The bed where the roses are to be planted should be made very rich with plenty of well-rotted stable manure; dig the soil deeply and set the plants firmly in the soil, pressing solidly with the foot all around the plant, using care not to bruise or injure the roots. All roses should be more or less pruned when planted; cut out any weak shoots and shorten somewhat those that seem to crowd the plant.

### Hybrid Perpetuals.

**ALFRED COLOMB.** Crimson.

**GENERAL JACQUEMINOT.** Deep red, very fragrant.

**CLEO.** The very best pink large, fine in bud or flowers.

**PAUL NEYRON.** Possibly the largest of all red roses; deep pink, blooms double and full.

**AMERICAN BEAUTY.** Deep pink, large and fragrant.

**MADAM PLANTIER.** Best hardy, white.

**HARRISON YELLOW.** Flowers intense clear golden yellow. Early bloomer. Very hardy. Can be grown in bush form on the lawn or in hedges.

### Moss Roses.

**BLANCHE MOREAU.** A strong, hardy grower; pure white, large and of perfect form.

**HENRY MARTIN.** The best Moss rose; deep red and fragrant.

### Climbing Roses.

The hardy Climbing Roses grow with great rapidity and will cover an old building or wall in a very short time. They bloom after the Hybrid Perpetuals, and produce their flowers abundantly in large cluster.

**CRIMSON RAMBLER.** Very hardy in all climates, and a very rapid grower; we have had them grow eight feet in one season. Deep crimson.

**DOROTHY PERKINS.** A hybrid or Rosa Wichuraiana and Mme. Gabriel Luizet. In its foliage, growth and habit of blooming, it is similar to Crimson Rambler, but the flowers are more double and of a beautiful shell pink color and hold a long time without fading. The flowers are very sweetly scented, a characteristic not possessed by most of the Ramblers.

**PRAIRIE QUEEN.** One of the old standard varieties that is ever popular. Bright, rosy, red, large, compact, with globular flowers.

**WICHURAIANA.** Memorial or Evergreen roses. A low trailing species, its stems creeping on the earth as closely as ivy, and forming a dense mat of very dark green, lustrous foliage. The flowers are produced in greatest profusion, and in clusters.

**ROSA RUGOSA.** This Japanese Rose forms a sturdy bush four to five feet high, covered with large, dark green, glossy foliage crowned with terminal clusters of ten to twenty flowers, each three inches in diameter. Perfectly hardy. A valuable plant for the hardy flower border or shrubberies, its large, handsome, scarlet fruits being very ornamental all through the autumn and early winter months. It also makes a splendid hedge, its foliage being impervious to the attacks of insects of all kinds.

All Roses, 2 years strong, field grown, each, 35c; 10 for \$3.00.

### Climbing Vines.

**DUTCHMAN'S PIPE.** This vine is hardy in the north and west, a very rapid grower, with large heart shaped leaves and brownish flowers that look like small pipes. It grows so rapidly that it will cover an archway or veranda with dense cool shade in one or two seasons.

Two years strong, each, 50c.

**ENGLEMAN'S IVY.** This is the only Ivy that is hardy in Wisconsin that will cling to brick stone or plaster. It is very much like Virginia Creeper but has much shorter joints with smaller and thicker foliage of a green color, and in the fall has a beautiful autumn effect changing to almost crimson. The tendrils are short and strong, holding it close to the wall. It is used to advantage on large buildings of all kinds to break the hard stone and brick effects.

**QUINQUEFOLIA, or VIRGINIA CREEPER.** Sometimes called American Ivy and Woodbine; a very rapid grower, the leaves turning crimson in autumn. This is a native plant, and the hardiest and most rapid climber we have.

**CLEMATIS PANICULATA.** Hardy in all parts of the United States. The blossoms are pure white, very fragrant and borne in great bunches or clusters covering the plant so completely as to almost hide from view the rich, glossy green foliage.

**JACKMANNI CLEMATIS.** We consider this by far the best Clematis—takes to transplanting better, blossoms more. Flowers when fully expanded are from four to six inches in diameter, intense violet purple, with a rich, velvety appearance.

**BITTER SWEET.** One of the best native climbing vines, a vigorous grower and free bloomer and very ornamental even in late fall with its bright red berries, which it retains all winter; needs no protection.

Prices except as noted.

Two years, each, 30c; 10 for \$2.50.

Strong specimen plants, each, 50c.

**WISTARIA, Chinese Purple.** The most popular Wistaria grown. Pale blue flowers in pendulous clusters. This is the best Wistaria to grow as a shade for a second story porch as it is a very high climber.

2 years strong, Transplanted vines, each, 50c.



## Hardy Perennial Plants



This class of plants unlike shrubbery, die to the ground in the fall, but grow again from the same root in the spring, larger and richer every season. All that is necessary for their cultivation is a light coating of manure in the fall, and to keep the ground mellow and clear of weeds during the summer.

They can be used to best advantage in groups and beds on the lawn as borders for drives, walks or in front of shrubbery and in the garden.

Some of the tall growing sorts may be planted in among the shrubbery with good effect.

**CONVALLARIA (Lily-of-the-valley).** Sweet, delicate and graceful. When planted out doors, set the pips six inches apart and two inches deep in a partially



shaded place. For house culture, plant in pots, about one inch apart in moss or sand and water freely; then set the pots out of doors where they may freeze a day or two, then bring them in doors and after thawing, water freely and set in a sunny place in the window. Pips can be ordered in December for house culture or in spring or fall for garden culture.

Each, 10c; 10 for 50c; strong clumps, 25c.

**DAISY SHASTA.** Luther Burbank's wonderful hyriad daisy. Large pure white flower, blooming in great abundance all summer. Grows 1 to 2 feet.

Each, 10c; 10 for 80c.

**DIELYTRA** (Bleeding Heart). An old-fashioned, but delicate and still popular flower. The flowers are heart-shaped hanging from all along the underside of its drooping branches. Perfectly hardy. Two feet, blooms in May.

Each, 15c; 10 for \$1.25.

**HOLLYHOCKS**, double (Althea). Blooms June to August. Height, 4 to 5 feet. Colors mixed. Colors are undoubtedly among the most ornamental and handsome garden flowers, with their tall spikes, dotted with large double flowers of the most lovely shades of colors. They fit the smallest gardens, and can be used with great effect in all kinds of plantings either for borders and shrubbery, or against buildings and fences. A slight protection during winter is necessary.

Each, 15c; 10 for \$1.25.

**DAY LILY**, Yellow. 2 to 3 feet. A pretty plant, with long, narrow leaves; flowers are pretty lemon color, fragrant and produced freely in June.

Each, 15c; 10 for \$1.25.

**RUDBECKIE** (Golden Glow). We doubt if any perennial has been more popular than this, or more largely planted. It fills a very important place; producing an abundance of beautiful, golden yellow, double flowers during the hot summer months, when they are greatly appreciated. Fine for out door flowers. Attains a height of 6 to 8 feet in good soil.

Each, 10c; 10 for 80c; 100 for \$5.00.

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### Perennial Phlox.

There is no hardy flowering plant that will produce such a dazzling display of brilliant colors of all shades from early in July until frost as Perennial Phlox.

They have been greatly improved of late years, so that the flowers are much larger, more of them and more brilliant, while their stocks are shorter. The number of varieties is legion, but we offer only a few of the best. 20 to 30 inches.

**COQUELICOT.** Dwarf, the best pure scarlet.

**ALCESTE.** Tall, deep violet, shading to blue.

**BRIDESMAID.** Tall, pure clear white, with carmine eyes.

**NIOBE.** Medium, velvety, violet and large truss.

Price of all varieties.

Each, 15c; 10 for \$1.25.

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### Peonies.

The Peony is hardy as a burr oak and absolutely free from insects, enemies and disease. In addition the flowers are of immense proportions, sometimes nine inches in diameter, perfectly double, and have a great range of color from the purest white to the deepest crimson and yellow. Once planted, always done, nothing more is required except a liberal dressing of manure every fall and each succeeding year adds to the size and beauty of the flowers.

Prices of all varieties except as noted, each, 25c; 10 for \$2.00.

**AMABILIS GRANDIFLORA.** Large double white; fringed petals; fine; very sweet.

Each, 35c; 10 for \$3.00.

**FESTIVA ALBA.** One of the best white varieties. Quite prolific.

**HERCULES.** Of immense size. Color bright rose to bluish white, deep yellow center.

**RUBRA TRIUMPHANS.** Early. A beautiful satin finished and intense crimson variety of rich fragrance.

**ALBA SUPHUREA** (Mont Blank). Light sulphur yellow, changing to white.

Each, 50c; 10 for \$4.00.

**MEEHAN'S MALLOW MARVELS.** Makes a vigorous growth. Strong roots making a bushy clump five to seven feet in one season and blooming profusely

(CONTINUED ON INSIDE OF BACK COVER)

HOWARD SMITH, Proprietor.

Date.....

Please write name and address plainly, and fill all blanks perfectly. Always state how goods shall be sent, attach price to each article and add up accurately. Make all letters short and to the point, and please do not write letters on the same sheet with the order.

OVER





from midsummer to frost. Being an herbaceous plant it dies to the ground in the fall, shooting from the roots again the following spring. The flowers measure from eight to twelve inches in diameter, and are sold in separate colors, in red, in pink, and white.

The plants are extremely hardy having been tested and grown in all parts of the United States and Canada.

Large strong clumps, each, 50c; 10 for \$4.00.

**YUCCA FILAMENTOSA** (Adams Needle). Blooms June and July. Height, 4 feet, color white. A charming plant to group in the hardy flower border or as a specimen plant in the lawn. The tall spikes of bell shaped flowers and the long, narrow leaves, edged with thread like hair are without an equal.

Strong plants, each, 25c; 10 for \$2.00.

**PHALARIS ARUNDINACEA VARIEGATA** (Ribbon Grass). A hardy ornamental grass with green leaves having several stripes of creamy white color lengthwise, forms handsome clumps, also used for flower bed borders.

Strong clumps, each, 15c; 10 for \$1.00.

### Velvet Lawn Grass Seed.

One of the first things we should plan on when planting the country place and suburban home is the lawn. Properly made and well kept, it is one of the most permanent and beautiful parts of the grounds.

Our Velvet lawn grass mixture contains just the proper amount of the different kinds of grass seeds to make a rich green luxuriant growth. If you need grass seed for a small city lot or a large lawn covering acres use our VELVET mixture. The preparation of the soil should be thorough before seeding. Either plow or spade until every foot of the soil is stirred; then rake it over until a perfect grade is secured and the soil well pulverized. If it is not a rich soil naturally, it should be fertilized in advance of seeding, and well worked in the soil.

**Quantity of Seed to Sow.** One pound of our VELVET lawn grass seed will sow 10x20 feet, or 200 square feet. Practical experience in making lawns has taught us to use plenty of seed, and the best that can be obtained.

Pound, 30c; 5 pounds, \$1.50; 10 pounds, \$2.75; bushel (20 pounds), \$5.00.

## THE "KANT-KLOG" SPRAYER



SPRAYS TREES, ALL KINDS OF SMALL FRUITS AND GARDEN VEGTABLES, DISINFECTANTS, WHITEWASH AND MANY OTHER USES

**"Kant-Klog" Nozzle.** The only nozzle that can be successfully cleaned without stopping the spray or removing nozzle from the tree. The only nozzle ever made to give both flat and round sprays or solid streams.

**Spring Hose Cock.** A slight pressure starts the spray. Remove it and spray stops instantly. Saves time, labor and fluid.

**Sprayer Body.** Made of Galvanized Steel or heavy Polished Brass as desired. Top and bottom dome shaped—joined to body under heavy pressure making a complete double seam. Tested under high pressure thereby avoiding troubles experienced with other constructions.

**Air Pump.** Heavy Brass two inches in diameter.

**Hose Couplings.** Solid Brass, standard cut threads. Hose high grade three-ply.

**Safety Valve.** Allowing air to escape after desired pressure has been obtained.

Admitted by all to be the best fitted—most complete and satisfactory sprayer on the market.

Price of style G, as described above with galvanized steel body, brass air pump, hose, escape valve, "Kant-Klog" nozzle, thumb pressure spring, hose cock, and carrier strap, \$6.25.

Polished brass body with same attachments, \$9.60.

**THE UNIVERSITY OF WISCONSIN**  
**AGRICULTURAL EXPERIMENT STATION**  
**STATE NURSERY AND ORCHARD INSPECTION**

**Nursery Certificate-License No. 53**  
**RESIDENT**

This Certifies that the Nursery Premises of

**HOWARD SMITH**

**Fountain Valley Nursery**

**Poy Sippi, Wis.**

including 10 acres of stock have been inspected by an official state inspector in accordance with Chapter 434, Laws of Wisconsin, 1911, and LICENSE IS HEREBY GRANTED to the owners of the within named nursery to sell and ship nursery stock, which has been officially inspected, for one year ending **October 1, 1918**, provided that a tag on which a certified copy of this license has been printed, is attached to each package, bundle, bale, box or carload lot so shipped.

**This Certificate - License is void  
 after October 1, 1918, but may be  
 previously revoked for cause.**

Issued at Madison, Wis.

October 1, 1917.

H. L. RUSSELL, Director.

J. G. SAUDERS, State Orchard & Nursery Inspector

**Table Showing the Number of Trees or Plants  
 Required to Set an Acre.**

Distances Apart	No. Plants or Trees	Distances Apart	No. Plants or Trees	Distances Apart	No. Plants or Trees
30x30.....	49	5x3.....	2,904	20x15.....	135
25x25.....	70	4x2.....	5,445	8x8.....	680
20x20.....	109	3½x2.....	6,222	7x3.....	2,074
10x10.....	435	30x30.....	72	5x4.....	2,178
8x6.....	907	25x20.....	87	4x3½.....	7,260

The above table gives the number of plants or trees required to plant an acre of ground when set at the given distance apart each way. To find the number of plants required for an acre other than those given in the table, divide 43,560, the number of square feet in an acre by the number of square feet each plant will occupy, this is found by multiplying the number of feet between the plants each way.